



**CITY OF HOUSTON**  
**Strategic Purchasing Division**  
Administration & Regulatory Affairs  
Department

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November 26, 2008,

**SUBJECT:** Letter of Clarification No. 4, Light and Medium Duty Trucks for  
Various Departments

**REFERENCE:** Bid Invitation No. S38-N23052

**TO:** All Prospective Bidders:

**This Letter of Clarification is issued for the following reasons:**

1. Bid Item No. 2, Page 18 of 55, Add Specification Provision 2.1.5: **"Power door locks and windows, Manufacturer's Standard "**.
2. Bid Item No. 4, Page 31 of 55, Change Specification Provision 2.7 to read, "Engine and Equipment: Must be compatible with the Transmission specified below."
3. Bid Item No. 4, Page 31 of 55, Change Specification Provision 2.11.1 to read, **"Transmission, automatic 5-speed. May be used both on and off road. Shall be an Allison MD3000RDS transmission or City-approved equal."**

This clarification is hereby incorporated in this bid document and all bidders are directed to bid accordingly.

When issued, Letter(s) of Clarification shall automatically become a part of the bid documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the Letter(s) of Clarification. It is the responsibility of the bidders to ensure that they have obtained any such previous Letter(s) associated with this solicitation. By submitting a bid on this project, bidders shall be deemed to have received all Letter(s) of Clarification and to have incorporated them into this Bid.

If you should have any questions or if further clarification is needed regarding this Invitation to Bid, please contact me at [lana.farris2@cityofhouston.net](mailto:lana.farris2@cityofhouston.net), or 832-393-8729.

Sincerely,

A handwritten signature in black ink, appearing to read "Lena Farris", is written over a horizontal line.

Lena Farris  
Procurement Specialist

Attachments: Bid Document Specifications, Pages 18 and 31 of 55

**SECTION B - PART II: TECHNICAL SPECIFICATIONS (CONTINUED):**

**ITEM NO. 4: CREW CAB TRUCK CAB & CHASSIS MOUNTED WITH SERVICE BODY (Continued)**

**2.0 CAB & CHASSIS (Continued):**

**2.5 Cab and Equipment (Continued):**

- 2.5.5 Assist handles.
- 2.5.6 Dual sun visors.
- 2.5.7 Tinted glass, all.
- 2.5.8 All gauges - to include the following: oil, ampmeter or voltmeter, temperature and fuel.
- 2.5.9 Tachometer.
- 2.5.10 Engine hour meter, which will actuate only with engine running, dash mounted
- 2.5.11 Dual electric horns
- 2.5.12 Single base dual trumpet air horn
- 2.5.13 Mirrors, dual western, painted with auxiliary convex, 5"
- 2.5.14 Arm rest on both doors
- 2.5.15 Factory air conditioning
- 2.5.16 Air shift controls for PTO mounted in cab
- 2.5.17 OEM standard white exterior color with darkest interior color available

**2.6 Electrical:**

- 2.6.1 90 amp alternator
- 2.6.2 Dual batteries, 525 CCA each

**2.7 Engine and Equipment: Must be compatible with the Transmission specified below**

- 2.7.1 Diesel 207 horsepower minimum, low emission engine that meets 2007 EPA emissions
- 2.7.2 Air cleaner, dry-type with pop-up air cleaner restriction indicator
- 2.7.3 Fuel/water separator filter
- 2.7.4 Maximum cooling system available
- 2.7.5 Cooling system(s) shall be protected with permanent coolant rated for service to - 20F

**2.8 Exhaust System:**

- 2.8.1 Horizontal muffler and vertical pipe on side with heat shield and rain cap or 90° elbow and meets 2007 EPA emissions

**2.9 Frame and Equipment:**

- 2.9.1 Minimum frame rating 900,000 RBM reinforced to meet GVWR
- 2.9.2 One 45-gallon step type fuel tank, left or right side with running board/steps on opposite side
- 2.9.3 All fuel caps shall be locking-type, keyed alike on each vehicle. Two keys per tank
- 2.9.4 Frame-mounted towing hooks on front
- 2.9.5 Truck shall be delivered with full tank(s) of fuel

**2.10 Tires and Wheels:**

- 2.10.1 Front and Rear: Steel belted radial type tubeless with steel disc type wheels 11.00R22.5 14-ply.
- 2.10.2 Front tires shall be for highway use and the rear tires shall be for both highway and off-road use.

**2.11 Transmission and Equipment:**

- 2.11.1 Transmission, automatic 5-speed. May be used both on and off road. Shall be an Allison MD3000RDS transmission or City-approved equal.
- 2.11.2 PTO opening 10-bolt.

**2.12 Miscellaneous:**

- 2.12.1 Unless specified in the detailed vehicle specifications, the cab-to axle dimension and/or wheelbase shall be as required to properly mount the body on the chassis, with no more than six (6) inches between the cab and chassis-mounted equipment unless a greater distance is required for proper operation.

## **SECTION B PART II TECHNICAL SPECIFICATIONS: (Continued)**

### **ITEM NO. 2: CAB & CHASSIS MOUNTED WITH STAKEBED BODY AND CRANE PR No. 10058011**

#### **1.0 GENERAL:**

- 1.1 Equipment Description:
  - 1.1.1 This specification is intended to describe a vehicle that will be used as a utility truck by the Public Works & Engineering Department, Traffic & Transportation, Signs & Markings Maintenance Section. This vehicle consists of a cab & chassis mounted with a stake bed body, knuckleboom crane, and other equipment.
- 1.2 Prime Contractor/Supplier:
  - 1.2.1 These specifications require the bidder to be a prime contractor/supplier and to bid on the cab & chassis mounted with the stake bed body and knuckleboom crane
- 1.3 Quantity:
  - 1.3.1 Identical units shall be furnished.
- 1.4 Equivalent Equipment:
  - 1.4.1 Bidders proposing to provide equipment they believe to be equal to the specified model must provide sufficient operating and technical specifications for the City to evaluate the proposed equipment
- 1.5 Equivalent Equipment Documentation:
  - 1.5.1 A bidder proposing to provide equivalent to the specified model must be able to demonstrate upon request that it has manufactured an apparatus similar to the unit bid, and that the apparatus has been proven and tested in service satisfactorily. The bidder will provide records of warranty service repairs upon request. The City of Houston shall be the sole judge whether the apparatus in service similar to the unit bid has been proven and tested satisfactorily

#### **2.0 CAB AND CHASSIS:**

- 2.1 General:
  - 2.1.1 Ford F-550 4x2 Cab & Chassis with Regular Cab or City-approved equal. GVWR shall be not less than 17,500 lbs. with an 84" Cab-to-Axle
  - 2.1.2 Heavy duty front springs
  - 2.1.3 Minimum of 2 key pod type controls for keyless entry
  - 2.1.4 Minimum 40 gallon fuel tank
  - 2.1.5 Power door locks and windows, Manufacturer's Standard
- 2.2 Engine:
  - 2.2.1 An electronically governed 6.4 L V8 diesel engine that will meet the current EPA engine emission levels shall be provided
- 2.3 Transmission:
  - 2.3.1 A 5-speed automatic transmission with integral PTO provision shall be provided
- 2.4 Cab:
  - 2.4.1 OEM air conditioning, heating and defroster shall be provided
  - 2.4.2 AM/FM radio shall be provided
  - 2.4.3 Front cloth seat shall be provided
  - 2.4.4 Manufacturer's standard ABS brakes
  - 2.4.5 White exterior color
  - 2.4.6 Darkest interior color available

#### **3.0 ARTICULATING CRANE (KNUCKLEBOOM): DIAGRAM I-1:**

- 3.1 General basic requirement shall be an articulating (Knuckleboom) crane behind the cab, across the bed mount complete with outriggers and hydraulic boom extension(s). The primary function of this unit will be to install and maintain steel post/signs. Referenced Manufacturers: Ferrari 545 – Telephone: (0522) 964921 – Telex FGR-GRU 5312371, Cormach 4000 or City-approval equal.